

**AMENDMENTS TO THE CLAIMS**

**In the claims**

**Please amend claims 1, 3, 5 and 6 and add claims 7-16 as follows.**

1. (currently amended) A fuel cell power generation system, comprising a hydrogen reservoir that ~~can occlude~~ occludes non-used hydrogen discharged from a fuel cell, and ~~release~~ releases the same, wherein said hydrogen reservoir has a first storage section comprising ~~an easily hydrogen occluding~~ a first hydrogen occlusion material, and a second storage section comprising ~~an easily hydrogen occluding~~ a second hydrogen occlusion material, said first storage section ~~having a function~~ being adapted to occlude ~~once said~~ non-used hydrogen from said fuel cell and to release the occluded hydrogen, and said second storage section ~~having a function~~ being adapted to occlude hydrogen released from said first storage section and then to release and supply the occluded hydrogen ~~and supply~~ to said fuel cell.

2. (original) A fuel cell power generation system according to claim 1, wherein said fuel cell is supplied with hydrogen from said second storage section when the fuel cell starts up.

3. (currently amended) A fuel cell power generation system according to claim 1 ~~or~~ 2, wherein said first storage section is heated when said first storage section is made to release the occluded hydrogen.

4. (original) A fuel cell power generation system according to claim 3, wherein the heating of said first storage section is stopped before the occluded hydrogen amount of said first storage section becomes zero.

5. (currently amended) A fuel cell power generation system according to claim 1 ~~or~~ 2, wherein said first storage section is provided with a through type tank having an inlet and an outlet.

6. (currently amended) A fuel cell power generation system according to claim 1 ~~or 2~~, wherein a heat exchanger is provided in a supply conduit between said second storage section and said fuel cell.

7. (new) A fuel cell power generation system according to claim 2, wherein said first storage section is heated when said first storage section is made to release the occluded hydrogen.

8. (new) A fuel cell power generation system according to claim 7, wherein the heating of said first storage section is stopped before the occluded hydrogen amount of said first storage section becomes zero.

9. (new) A fuel cell power generation system according to claim 2, wherein said first storage section is provided with a through type tank having an inlet and an outlet.

10. (new) A fuel cell power generation system according to claim 2, wherein a heat exchanger is provided in a supply conduit between said second storage section and said fuel cell.

11. (new) A power generation method in a fuel cell system including a reservoir having a first storage section having a first hydrogen occlusion material and a second storage section having a second hydrogen occlusion material, the method comprising the steps of:

occluding non-used hydrogen discharged from a fuel cell in said first storage section and releasing hydrogen occluded in the first hydrogen occlusion material, and

occluding said hydrogen released from said first storage section in said second storage section and releasing hydrogen occluded in the second hydrogen occlusion material to said fuel cell.

12. (new) A power generation method according to claim 11, further comprising the step of supplying hydrogen to said fuel cell from said second storage section on start up of said fuel cell.
13. (new) A power generation method according to claim 11, further comprising the step of heating said first storage section when said first storage section is made to release said hydrogen occluded in the first hydrogen occlusion material.
14. (new) A power generation method according to claim 13, further comprising the step of stopping said heating of said first storage section before the occluded hydrogen amount of said first storage section reaches zero.
15. (new) A power generation method according to claim 11, further comprising the step of providing said first storage section with a through type tank having an inlet and an outlet.
16. (new) A power generation method according to claim 11, further comprising the step of providing a heat exchanger in a supply conduit between said second storage section and said fuel cell.